

## DISCUSSION GROUP P1/T1 COUPLINGS and ALIGNMENT

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**Thomas R. (Tom) Davidson** is Chief Mechanical Engineer, Global Operations Reliability Support for Linde, Inc., in Pasadena, Texas. His primary responsibility is developing and implementing equipment reliability improvement programs for both rotating and fixed equipment. Mr. Davidson is also responsible for assisting in machinery selection, overhauls, and developing and implementing design improvements to enhance equipment reliability and availability. He has more than 30 years of experience in the petrochemical and process gas industry, in the field of equipment reliability, maintenance management, and turnaround planning and scheduling. Mr. Davidson received a B.S. degree (Mechanical Engineering, 1978) from the University of Houston. He is a member of ASME, NSPE, the Vibration Institute, and he serves on the Turbomachinery Symposium Advisory Committee. Mr. Davidson is also a registered Professional Engineer in the State of Texas.

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**Terry L. Roehm** is a Corporate Reliability Engineer for Marathon Oil, in Houston, Texas. He specializes in rotating equipment and his responsibilities focus on improvement of the reliability of rotating equipment for the upstream of Marathon. In addition, Mr. Roehm is involved with the specification, selection, procurement, installation, startups, troubleshooting, and turnaround planning for the rotating equipment. He has had various positions in maintenance and engineering with the downstream portions of Marathon Petroleum and Ashland Oil for more than 30 years. Mr. Roehm has a B.S. degree (Mechanical Engineering) from Purdue University. He is a registered Professional Engineer in the State of Kentucky, the past Chairman of the API Subcommittee on Mechanical Equipment, active on several API task forces, and a member of ASME.

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**Morgan M. (Morg) Bruck** is an independent consultant with Hydraulic, Measurement, and Inspection Consulting, LLC of Dayton, Ohio. Before retiring to form HMIC, LLC, Morg was with Marathon Petroleum Company in the Engineering Standards and Technical Support Group. Morg wrote standards related to rotating equipment and measurement systems and provided tech support in these areas for Marathon Pipe Line and Marathon Terminals. Prior to his tenure at Marathon, Morg worked in plant, project, and reliability engineering with The Dayton Power & Light Company and Sohio/BP Pipe Line Company. Morg is an active member of API Sub-committee on Mechanical Equipment and also API measurement standards. He is Chairman of API 675, Vice-chairman of API 674 and API 676; and a member of API 610, API 682 and API 687 task forces. Morg is a graduate of Rose-Hulman Institute of Technology (BSME 1969).

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**Michael W. Johnson** is a Pipe Stress Engineer in the Reliability Engineering Department of Reliant Energy, in Houston, Texas. He has more than 20 years of experience and is responsible for high energy piping and ISI programs at Reliant. Mr. Johnson graduated from the University of North Dakota (1980) and is a registered Professional Engineer in the State of Texas.

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**Christopher (Chris) Rackham** is Coupling Product Manager for John Crane Power Transmission in Deer Park, Texas. He has been with John Crane (previously Flexibox) since receiving his B.S. degree in Engineering from the Pennsylvania State University (1979). As Coupling Product Manager he is responsible for the Customer Service, CAD and Application Engineering departments as well as field and technical support for the Western Hemisphere. Mr. Rackham has served on the API Manufacturers Subcommittee on Couplings (671) and Pumps (610).

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